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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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First Named Inventor:	John W. Countz	
Appln. No.:	10/776,041	Confirmation No.: 2014
Filing Date:	February 11, 2004	Examiner: P. Singh
Title:	Thermal Molecular Fractionation	Group Art Unit: 1764

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**AMENDMENT AND RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action of January 19, 2007, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 12 of this paper.